

**§ 57.9361 Drawholes.**

To prevent hazards to persons underground, collars of open drawholes shall be free of muck or materials except during transfer of the muck or material through the drawhole.

**§ 57.9362 Protection of signalmen.**

Signalmen used during slushing operations underground shall be located away from possible contact with cables, sheaves, and slusher buckets.

**Subpart I—Aerial Tramways**

**§ 57.10001 Filling buckets.**

Buckets shall not be overloaded, and feed shall be regulated to prevent spillage.

**§ 57.10002 Inspection and maintenance.**

Inspection and maintenance of carriers (including loading and unloading mechanisms), ropes and supports, and brakes shall be performed by competent persons according to the recommendations of the manufacturer.

**§ 57.10003 Correction of defects.**

Any hazardous defects shall be corrected before the equipment is used.

**§ 57.10004 Brakes.**

Positive-action-type brakes and devices which apply the brakes automatically in the event of a power failure shall be provided on aerial tramways.

**§ 57.10005 Track cable connections.**

Track cable connections shall not obstruct the passage of carriage wheels.

**§ 57.10006 Tower guards.**

Towers shall be suitably protected from swaying buckets.

**§ 57.10007 Falling object protection.**

Guard nets or other suitable protection shall be provided where tramways pass over roadways, walkways, or buildings.

**§ 57.10008 Riding tramways.**

Persons other than maintenance persons shall not ride aerial tramways unless the following features are provided.

(a) Two independent brakes, each capable of holding the maximum load;

(b) Direct communication between terminals;

(c) Power drives with emergency power available in case of primary power failure; and

(d) Buckets equipped with positive locks to prevent accidental tripping or dumping.

**§ 57.10009 Riding loaded buckets.**

Persons shall not ride loaded buckets.

**§ 57.10010 Starting precautions.**

Where possible, aerial tramways shall not be started until the operator has ascertained that everyone is in the clear.

**Subpart J—Travelways and Escapeways**

TRAVELWAYS—SURFACE AND UNDERGROUND

**§ 57.11001 Safe access.**

Safe means of access shall be provided and maintained to all working places.

**§ 57.11002 Handrails and toeboards.**

Crossovers, elevated walkways, elevated ramps, and stairways shall be of substantial construction, provided with handrails, and maintained in good condition. Where necessary, toeboards shall be provided.

**§ 57.11003 Construction and maintenance of ladders.**

Ladders shall be of substantial construction and maintained in good condition.

**§ 57.11004 Portable rigid ladders.**

Portable rigid ladders shall be provided with suitable bases and placed securely when used.

**§ 57.11005 Fixed ladder anchorage and toe clearance.**

Fixed ladders shall be anchored securely and installed to provide at least 3 inches of toe clearance.